

72/108CH 16/24BAY RECORDER SYSTEM

Instruction Manual

FCC Information

This equipment has been tested and found to comply with the limits for a **Class B** digital service, pursuant to Part 15 of the **FCC** rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ◆ Reorient or relocate the receiving antenna.
- ◆ Increase the separation between the device and the receiver.
- ◆ Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- ◆ Consult the dealer or an experienced radio technician for help.

Note: All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations. We recommend using a Dual-Link cable for DVI output.

Note: Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

Caution

- Do not drop or strike the equipment
- Do not install the equipment near naked flames or heat sources
- Do not expose this unit to rain, moisture, smoke or dusty environments
- Do not cover the opening of the unit with cloth or plastic or install this unit in a poorly-ventilated place. Allow 10 cm between this unit and its surroundings.
- Do not continue to operate the unit under abnormal conditions such as detection of smoke, strange smell, or malfunctioned screen whilst power is turned on.
- Do not touch the power connection with wet hands
- To avoid unnecessary magnetic interference, do not operate this unit near magnets, speaker system, etc.
- All connection cables must be grounded properly CAUTION

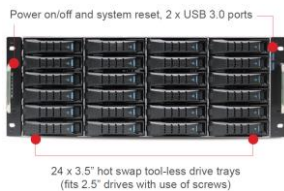
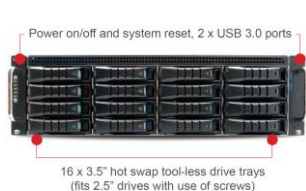
Features

- ONVIF Profile S, IP cameras, PTZ domes, and DVRs/NVRs are supported
- Up to 72/108 channels 1080P/3M/5M/8M network streaming and recording
- 3U/4U 19" chassis, built-in hardware RAID system, support up to 16/24 x 3.5" hot-swap HDDs
- Failover, video archive, and SmartSearch support.
- Dual streamings decoding mode supported
- Dual monitors support, up to 72/108 (Optional) channels video display
- Support 36 channels playback for remote or local
- Support for image archiving mechanisms
- Built-in dual port Gigabit Ethernet

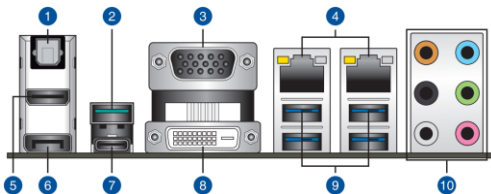


Product Overview

● 72/108CH 16/24BAY Front View



● 72/108CH 16/24BAY Rear View



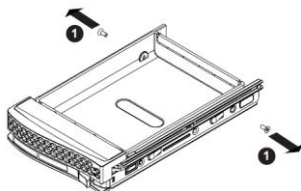
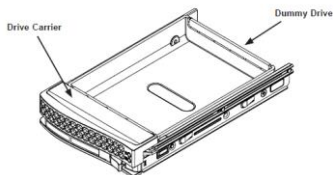
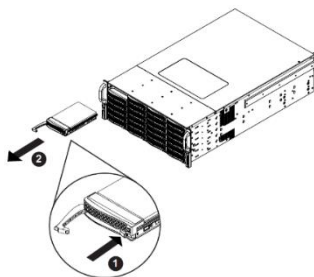
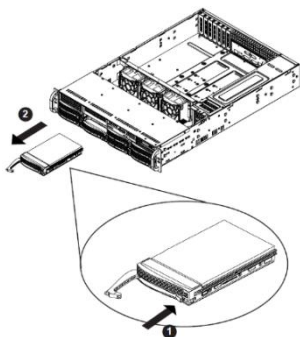
Rear panel connectors

1. Optical S/PDIF Out port	6. DisplayPort
2. USB 3.1 Type-A port EA2 (supports USB 3.1 Boost)	7. USB 3.1 Type-C port EC1 (supports USB 3.1 Boost)
3. VGA port	8. DVI-D port
4. Intel® LAN port 1 and 2 (I210-AT)*	9. USB 3.0 ports 3, 4, 5, and 6 (lower left port supports USB BIOS Flashback - red light)
5. HDMI 1.4b port	10. Audio I/O ports**

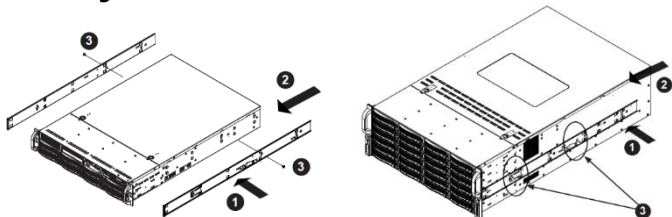
Hard Drives Installation Instructions

RAID Drives Installation

Hot-swappable hard drive can be inserted or removed from the hard disk when the system is in operation, remove the locking screws on both sides and remove the hard disk mounting bracket. Use the screws in the accessory kit to fix the hard disk to the hard Disc holder, put the hard drive bracket back, lock the two sides of the lock fixed hard drive bracket.

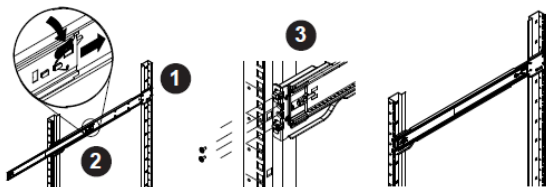


Installing the Inner Rail Extensions



1. Place the inner rail extensions on the side of the chassis aligning the hooks of the chassis with the rail extension holes.
2. Slide the extension toward the front of the chassis.
3. Optional: Secure the chassis with 2 screws as illustrated. Repeat steps for the other inner rail extension.

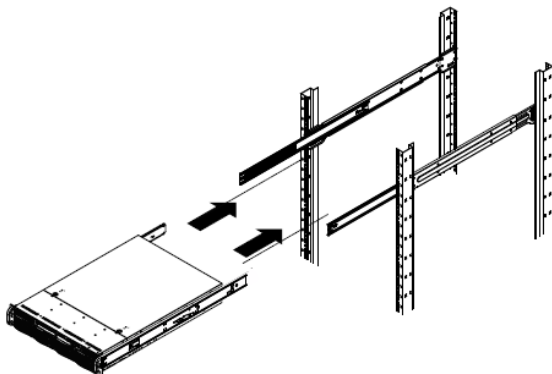
Assembling the Outer Rails



Outer rails attach to the rack and hold the chassis in place. Ther outer rails for the server chassis extend between 30 inches and 33inches

1. Secure the back end of the outer rail to the rack, using the screws provided.
2. Press the button where the two outer rails are joined to retract the smaller outer rail.
3. Hang the hooks of the rails onto the rack holes and if desired, use screws to secure the front of the outer rail onto the rack.
4. Repeat steps 1-3 for the remaining outer rail.

Installing the Chassis into the Rack



1. Extend the outer rails illustrated above.
2. Align the inner rails of the chassis with the outer rails on the rack.
3. Slide the inner rails into the outer rails, keeping the pressure even on both sides. When the chassis has been pushed completely into the rack, it should click into the locked position.
4. Repeat steps 1 to 3 and fix the other outer rail to the other side of the rack.